

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 35848

First Inventor Yutaka Banba

Title Transmission Line Coding Method, Transmission Line

Express Mail Label No. EV341098890US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 28]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 7 ]
5. Oath or Declaration [ Total Pages 3 ]
- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: **Check in the amt. of \$ 790.00**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. /

Prior application information:

Examiner:

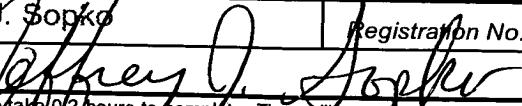
Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  or  Correspondence address below

|         |                         |          |  |
|---------|-------------------------|----------|--|
| Name    | 00116                   |          |  |
| Address | PATENT TRADEMARK OFFICE |          |  |
| City    | State                   | Zip Code |  |
| Country | Telephone               | Fax      |  |

|                   |  |                                   |                 |
|-------------------|--|-----------------------------------|-----------------|
| Name (Print/Type) | Jeffrey J. Sopko   | Registration No. (Attorney/Agent) | 27676           |
| Signature         |  |                                   | Date 07/10/2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**PATENT**

**PEARNE & GORDON LLP**  
526 Superior Avenue East  
Suite 1200  
Cleveland, Ohio 44114-1484  
(216) 579-1700

Attorney Docket No.: 35848

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir/Madam:

Transmitted herewith for filing by a large entity is the patent application of:

Inventor: Yutaka Banba

For: **TRANSMISSION LINE CODING METHOD,  
TRANSMISSION LINE DECODING METHOD, AND  
APPARATUS THEREFOR**

7 sheets of informal drawings are included.

An assignment of the invention to Matsushita Electric Industrial Co., Ltd. is included along with a Recordation Form Cover Sheet. Please record and return the assignment to the undersigned.

Priority is claimed under 35 U.S.C. § 119 on the basis of the following foreign application:

Japanese Patent Application No. 2002-201676 filed July 10, 2002.

A certified copy of this application is enclosed.

An Information Disclosure Statement is enclosed.

|  |               |
|--|---------------|
| "Express Mail" mailing label number  | EV341098890US |
| Date of Deposit  | July 10, 2003 |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Box PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231. |               |
| _____<br>Tiffany L. Ballou<br>Printed Name of Person Mailing Paper or Fee  |               |
| _____<br>Tiffany L. Ballou<br>Signature of Person Mailing Paper or Fee   |               |

**CLAIMS AS FILED**

| <u>For</u>  | <u>Number</u> | <u>Rate</u> | <u>Fees</u>     |
|---|---------------|-------------|-----------------|
| Total claims in excess of 20:                                   | 0             | \$18.00     | \$0.00          |
| Independent claims in excess of 3:                              | 0             | \$84.00     | \$0.00          |
| Multiple dependent claims, if any,<br>add surcharge of \$280.00 |               |             | \$0.00          |
| Non-English Specification,<br>add surcharge of \$130.00         |               |             | \$0.00          |
| <b>Basic Fee</b>  |               |             | <b>\$750.00</b> |
| <b>TOTAL FILING FEE</b>   |               |             | <b>\$750.00</b> |
| Assignment Recordal Fee of \$40.00                              |               |             | \$40.00         |

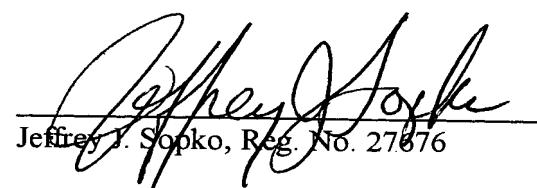
**TOTAL FEE \$790.00**

A check in the amount of \$790.00 as calculated above is enclosed.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 16-0820, Order No. 35848.

Respectfully,

**PEARNE & GORDON LLP**



Jeffrey J. Sopko, Reg. No. 27876

Date: July 10, 2003